

▼ LeaderBoard & Prev Day Solution

DAILY CHALLENGE ProgramID- 6334 SkillRack

Count of Common Integers

The program must accept an integer matrix of size **NxN** as input. The program must print the count of common integers between top right and bottom left submatrices of the given matrix.

Boundary Condition(s):

2 <= N <= 50

Input Format:

The first line contains the value of N.

The next N lines contain N integers each separated by space.

Output Format:

The first line contains the count of common integers between top right and bottom left of the matrix.

Example Input/Output 1:

Input:

5

12342

67890

12345

67890

92345

```
Output:
```

5

Explanation:

The top right submatrix elements of the given matrix are 3 4 2 8 9 0 3 4 5.

The bottom left submatrix elements of the given matrix are 1 2 3 6 7 8 9 2 3.

The common integers between top right and bottom left submatrices of the given matrix are 2 3 3 8 and 9.

Hence, the count 5 is printed as the output.

Example Input/Output 2:

```
Input:
```

4

12 23 34 45

23 34 12 56

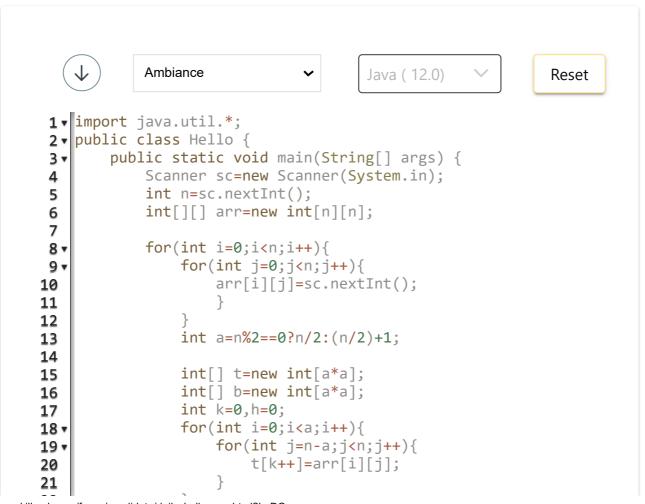
34 45 56 67

12 23 34 45

Output:

3

Max Execution Time Limit: 5000 millisecs



```
22
                   for(int i=n-a;i<n;i++){</pre>
23 •
24 •
                        for(int j=0;j<a;j++){
                            b[h++]=arr[i][j];
25
26
27
                   int c=0;
28
29
                   for(int i=0;i<a*a;i++){</pre>
30 ▼
31 ▼
                        for(int j=0;j<a*a;j++){</pre>
32
                            if(t[i]==b[j]){
33 ▼
34
                                 C++;
                                 //System.out.print(b[j]+" ");
35
                                 b[j]=-1;
36
                                 t[i]=-1;
37
                            //System.out.println(c+" ");
38
39
                                 break;
40
41
                            }
42
                        }
43
44
45
46
47
                   System.out.println(c);
48
49
50
51
1912080@nec
```

Exception in thread "main" java.lang.ArrayIndexOutOfBoundsException
: Index 9 out of bounds for length 9
at Hello.main(Hello.java:25)

Save Run

Run with a custom test case (Input/Output)